AMENDMENT OF SOLICITATI	ON/MODIFICATI	ON OF CONT	TRACT	1. Contract I		Page 1 Of 14	
2. Amendment/Modification No.	3. Effective Date	4. Requisition/Pu	rchase Req I			. (If applicable)	
P00003	2003FEB26	SEE SCHEDULE					
6. Issued By	Code W56HZV	7. Administered I		han Item 6)		Code S0101A	
TACOM		DCMA BIRM	INGHAM				
SFAE-CSS-LV-P		BURGER PHI	LLIPS CENT	ER			
WARDELL DYSON (586)574-8359		1910 THIRD					
WARREN, MICHIGAN 48397-5000		BIRMINGHAM	, AL 35203	-2376			
HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: DYSONW@TACOM.ARMY.MIL							
			SCD C	PAS NONE	ADP	PT HQ0338	
8. Name And Address Of Contractor (No., Stre	eet, City, County, State and	l Zip Code)		9A. Amendmei	nt Of Solicitatio	on No.	
PEI ELECTRONICS INC. 110 WYNN DR			-	9B. Dated (See	Item 11)		
P O BOX 1929				D. Dated (See	ricin 11)		
HUNTSVILLE AL 35807-0929			Х	10A. Modificat	tion Of Contrac	ct/Order No.	
TYPE BUSINESS: Large Business Perfo	orming in U.S		-	DAAE07-02-C-			
	,			10B. Dated (Se	e Item 13)		
Code 24290 Facility Code				2001FEB15			
11. T	THIS ITEM ONLY APPLI	ES TO AMENDME	ENTS OF SO	LICITATION	S		
The above numbered solicitation is amend	ded as set forth in item 14.	The hour and date	specified for	r receipt of Of	fers		
is extended, is not extended.							
Offers must acknowledge receipt of this amo							
(a) By completing items 8 and 15, and return offer submitted; or (c) By separate letter or							
ACKNOWLEDGMENT TO BE RECEIVE	0						
SPECIFIED MAY RESULT IN REJECTION							
change may be made by telegram or letter, j	provided each telegram or	letter makes refere	nce to the sol	licitation and t	his amendment	, and is received prior to the	
opening hour and date specified.	anired)						
12. Accounting And Appropriation Data (If real ACRN: AA NET INCREASE: \$804,360.02	quireu)						
						FMS REQUIREMENT	
KIND MOD CODE: G	ITEM ONLY APPLIES T It Modifies The Contra				DERS		
A. This Change Order is Issued Pursua		act 01 act 110. 713 D	escribed III I		anges Set Fort	h In Item 14 Are Made In	
The Contract/Order No. In Item 10.							
B. The Above Numbered Contract/Orde Set Forth In Item 14, Pursuant To T	The Authority of FAR 43.10	03(b).				, appropriation data, etc.)	
X C. This Supplemental Agreement Is En	tered Into Pursuant To Au	thority Of: Mutual	l agreement	of the part	ties		
D. Other (Specify type of modification a	and authority)						
E. IMPORTANT: Contractor is not.	X is required to sign	this document and	return	(copies to the Iss	uing Office.	
14. Description Of Amendment/Modification (<u> </u>				•		
•	•	0,		Ū		•	
SEE SECOND PAGE FOR DESCRIPTION							
Except as provided herein, all terms and condi	tions of the document refer	renced in item 9A o	r 10A, as hei	retofore chang	ed, remains und	changed and in full force	
and effect. 15A. Name And Title Of Signer (Type or print)	16A Nome	And Title C	of Contracting	Officer (Type o	or print)	
10/1. Manie And Title Of Signer (Type of print	,		T. FINNELL	_	omeer (1 ype (n print)	
				Y.MIL (586)5	74-8361		
15B. Contractor/Offeror	15C. Date Signed	16B. Unite	d States Of A	America		16C. Date Signed	
		D		(CTCNED /		200255526	
(Signature of person authorized to sign)	-	By	Signature of	/SIGNED/ Contracting C	Officer)	2003FEB26	
NSN 7540-01-152-8070	1	30-105-02	~1511atu1 t UI			FORM 30 (REV. 10-83)	

Reference No. of Document Being Continued

PIIN/SIIN DAAE07-02-C-M029

MOD/AMD P00003

Page 2 **of** 14

Name of Offeror or Contractor: PEI ELECTRONICS INC.

SECTION A - SUPPLEMENTAL INFORMATION

Both parties agree as follows:

1. This modification P00003 is issued to change and revise the training hours under C.14.1 to read as follows, at no additional cost to the Government:

"The Contractor shall develop and conduct a training course for the operation and maintenance of the LAV-AG(S)TPS Set. The training course shall provide instruction, in English, for operation, testing, and repair of GPIA-LAV-AG(S). The course shall consist of forty (40) hours of training for a maximum of fifteen (15) students. The course shall be divided into two (2) segments: Operator (15 hours) and Maintenance (25 hours)."

- 2. The following items shall be funded and procured as SLINs under CLIN 0001:
 - * SLIN 0001AB LAV-AG New Site Holding Fixture, Qty 6 ea.
 - * SLIN 0001AC LAV-AG Hand Station Test Fixture, Qty 6 ea.
 - * SLIN 0001AD Stand Alone GPIA Module No-Cost
- 3. New SLIN 0003AA shall support the procurement of the following items:
 - * LAV-AG(S)TPS Set , Qty 1 ea.
- 4. New SLIN 0005AA shall support the procurement of the following items:
 - * LAV-AG GPIA Lab Test Set, Qty 1 ea.
- 5. New SLIN 0006AA shall support the procurement of the following item:
 - * LAV-AG GPEOH System, Qty 1 ea.
- 6. New SLIN 0007AA shall support the procurement of the following item:
 - * GPIA ASU ATS-LAV AT NO. 9. Qty 1 ea.
- 7. The following P/Ns are hereby changed in Attachment 04, Paragraph 2:
 - a. CCA SCAN/INTERFACE from 465401555 to 46540155
 - b. IR VIDEO PREAMP from 773663-4S to $\underline{SM-D}-773663-4S$
 - c. POST PREAMP CNTRL DRV from 773900-4S to SM-D-773900-4S
- 8. Statement of Work C.9.3 The parties acknowledge that the Preliminary Design Review (PDR) originally scheduled for 24 Sep 02 was rescheduled for 22 Oct 02 due to contractor delays in collecting vendor data required for Test Program Set (TPS) development.
- 9. As a result of this contract modification the total contract amount is increased by \$804,360.02 under SLINS 0001AB, 0001AC, 0001AD, 0003AA, 0005AA, 0006AA, and 0007AA from \$10,350,000.00 to \$11,154,360.02. All other terms and conditions remain unchanged.

*** END OF NARRATIVE A 004 ***

Reference No. of Document Being Continued PIIN/SIIN DAAE07-02-C-M029

MOD/AMD P00003

Page 3 **of** 14

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS				
0001	NSN: 0000-00-000-0000 SECURITY CLASS: Unclassified				
0001AA	DEVELOPMENT, DEVELOP HRDWR & PRODUCTION: TPS	6	EA	\$_1,715,692.000	\$ 10,294,152.00
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: LAV-AG GPIA TPS PRON: J512T478EH PRON AMD: 08 ACRN: AA AMS CD: JBP002 CUSTOMER ORDER NO: J51JBP02EHSI FMS CASE IDENTIFIER: SI-B-JBP				
	This CLIN includes the development, developmental hardware, production, and delivery of the Test Program Sets (TPS) for the LAV-AG (S) GPIA (IAW C.1-C.13.4.2).				
	(End of narrative B001)				
	Packaging and Marking				
	IAW Section D, Packaging and Marking. (End of narrative D001)				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV1079H007 Y00000 M 2 DEL REL CD QUANTITY DEL DATE 001 6 09-FEB-2004				
	FOB POINT: Origin				
	SHIP TO: PARCEL POST ADDRESS (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.				

Reference No. of Document Being Continued PIIN/SIIN DAAE07-02-C-M029

MOD/AMD P00003

Page 4 of 14

M NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Delivery shall be IAW Section F.1.1				
	Any developmental hardware produced under this				
	contract shall be delivered IAW Section F.1.2				
	(End of narrative F001)				
	1	ĺ	1		I

Reference No. of Document Being Continued

MOD/AMD P00003

Page 5 **of** 14

PIIN/SIIN DAAE07-02-C-M029 Name of Offeror or Contractor: PEI ELECTRONICS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AB	PRODUCTION QUANTITY	6	EA	\$** N/A **	\$\$24,349.02
	NOUN: LAV-AG NEW SITE HOLDING FIXT PRON: J512T323EH PRON AMD: 01 ACRN: AA AMS CD: JBP002 CUSTOMER ORDER NO: J51JBP02EHSI FMS CASE IDENTIFIER: SI-B-JBP				
	Packaging and Marking				
	IAW Section D, Packaging and Marking				
	(End of narrative D001)				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3036H001 Y00000 M 2 DEL REL CD QUANTITY DEL DATE 001 6 08-FEB-2004				
	FOB POINT: Origin				
	SHIP TO: PARCEL POST ADDRESS (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.				

Reference No. of Document Being Continued PIIN/SIIN DAAE07-02-C-M029

MOD/AMD P00003

Page 6 of 14

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AC	PRODUCTION QUANTITY	6	EA	\$ 1,048.00000	\$6,288.00
	NOUN: LAV-AG HAND STATION TEST FIXT PRON: J512T325EH PRON AMD: 01 ACRN: AA AMS CD: JBP002 CUSTOMER ORDER NO: J51JBP02EHSI FMS CASE IDENTIFIER: SI-B-JBP				
	Packaging and Marking				
	IAW Section D, Packaging and Marking				
	(End of narrative D001)				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3038H001 Y00000 M 2 DEL REL CD QUANTITY DEL DATE 001 6 08-FEB-2004				
	FOB POINT: Origin SHIP TO: PARCEL POST ADDRESS (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.				
0001AD	PRODUCTION QUANTITY	1	EA	\$1.00000 ESTIMATED	\$1.00 ESTIMATED
	NOUN: STAND ALONE GPIA MODULE PRON: J512T328EH PRON AMD: 01 ACRN: AA AMS CD: JBP002 CUSTOMER ORDER NO: J51JBP02EHSI FMS CASE IDENTIFIER: SI-B-JBP				
	Packaging and Marking				
	IAW Section D, Packaging and Marking				
	(End of narrative D001)				

Reference No. of Document Being Continued PIIN/SIIN DAAE07-02-C-M029

MOD/AMD P00003

Page 7 of 14

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3044H020 Y00000 M 2 DEL REL CD QUANTITY DEL DATE 001 1 08-FEB-2004				
	FOB POINT: Origin				
	SHIP TO: PARCEL POST ADDRESS (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.				
0003	NSN: 0000-00-0000 SECURITY CLASS: Unclassified				
0003AA	PRODUCTION QUANTITY	1	EA	\$_326,450.00000	\$ 326,450.0
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: LAV-AG(S) TPS SET PRON: J512T314EH PRON AMD: 01 ACRN: AA AMS CD: JBP002 CUSTOMER ORDER NO: J51JBP02EHSI FMS CASE IDENTIFIER: SI-B-JBP				
	Packaging and Marking				
	IAW Section D, Packaging and Marking (End of narrative D001)				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV2352H011 Y00000 M 2 DEL REL CD QUANTITY DEL DATE 001 1 08-FEB-2004				
	FOB POINT: Destination				

Reference No. of Document Being Continued PIIN/SIIN DAAE07-02-C-M029

MOD/AMD P00003

Page 8 of 14

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SHIP TO: PARCEL POST ADDRESS				
	(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE				
	(SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR				
	ITEMS REQUIRED UNDER THIS				
	REQUISITION.				

Reference No. of Document Being Continued PIIN/SIIN DAAE07-02-C-M029

MOD/AMD P00003

Page 9 **of** 14

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005	NSN: 0000-00-000-0000 SECURITY CLASS: Unclassified				
0005AA	PRODUCTION QUANTITY	1	EA	\$ 260,690.00000	\$260,690.00
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: LAV-AG GPIA LAB TEST SET PRON: J512T317EH PRON AMD: 01 ACRN: AA AMS CD: JBP002 CUSTOMER ORDER NO: J51JBP02EHSI FMS CASE IDENTIFIER: SI-B-JBP				
	Packaging and Marking				
	IAW Section D, Packaging and Marking (End of narrative D001)				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV2352H014 Y00000 M 2 DEL REL CD QUANTITY DEL DATE 001 1 08-FEB-2004				
	FOB POINT: Origin				
	SHIP TO: PARCEL POST ADDRESS (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.				

Reference No. of Document Being Continued PIIN/SIIN DAAE07-02-C-M029

MOD/AMD P00003

Page 10 of 14

ITEM NO	or or Contractor: PEI ELECTRONICS INC. SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0006	NSN: 0000-00-000-0000 SECURITY CLASS: Unclassified				
0006AA	PRODUCTION QUANTITY	1	EA	\$ <u>141,760.00000</u>	\$ 141,760.00
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: LAV-AG(S) GPEOH SYSTEM PRON: J512T318EH PRON AMD: 01 ACRN: AA AMS CD: JBP002 CUSTOMER ORDER NO: J51JBP02EHSI FMS CASE IDENTIFIER: SI-B-JBP				
	Packaging and Marking				
	IAW Section D, Packaging and Marking (End of narrative D001)				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV2352H015 Y00000 M 2 DEL REL CD QUANTITY DEL DATE 001 1 08-FEB-2004				
	FOB POINT: Origin SHIP TO: PARCEL POST ADDRESS (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.				
0007	NSN: 0000-00-000-0000 SECURITY CLASS: Unclassified				
0007AA	PRODUCTION QUANTITY	1	EA	\$ 44,822.00000	\$44,822.00
	CLIN CONTRACT TYPE: Firm-Fixed-Price NOUN: GPIA ASU ATS-LAV AT NO. 9 PRON: J512T320EH PRON AMD: 01 ACRN: AA				

Reference No. of Document Being Continued

PIIN/SIIN DAAE07-02-C-M029 MOD/AMD P00003

Page 11 of 14

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	AMS CD: JBP002 CUSTOMER ORDER NO: J51JBP02EHSI FMS CASE IDENTIFIER: SI-B-JBP				
	Packaging and Marking				
	IAW Section D, Packaging and Marking				
	(End of narrative D001)				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV3009H001 Y00000 M 2 DEL REL CD QUANTITY DEL DATE 001 1 08-FEB-2004				
	FOB POINT: Origin				
	SHIP TO: PARCEL POST ADDRESS (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.				

Reference No. of Document Being Continued

PIIN/SIIN DAAE07-02-C-M029

MOD/AMD P00003

Page 12 of 14

Name of Offeror or Contractor: PEI ELECTRONICS INC.

SECTION D - PACKAGING AND MARKING

Status	Regulatory Cite	Title	Date
D-1 ADDED	52.211-4113	BAR CODE MARKING	SEP/2000

- (a) Bar code markings are required on all containers and loose or unpacked items as specified in MIL-STD-129N, paragraph 4.2.3. The bar code symbology shall comply with AIM BC 1. The following shall be bar coded:
 - (1) National Stock Number (NSN)/ NATO stock number shall be bar coded on all unit packs and intermediate containers.
- (2) The exterior container shall be bar coded with the NSN/NATO stock number and the contract or purchase order number(including the call number).
 - (3) Items that are serial numbered shall have the serial number bar coded.
- (4) Exterior boxes and crates 10 cubic feet and over shall be bar coded on one end of the container as well as on the identification marked side.
- (5) Contractor or vendor-originated shipments destined for outside continental United States(OCONUS) and shipped through the Defense Transportation System(DTS)(transshipment) shall comply with the address marking instructions in DoD 4500.32-R, Volume I, which requires the address markings to be placed on a bar coded DD Form 1387. For these shipments, bar code labels may be affixed to the DD Form 1387 as an alternative to direct bar coding of the DD Form 1387. Destinations such as Hawaii, Alaska, Puerto Rico, Canada, and Mexico are considered OCONUS sites and require bar coded DD Form 1387 address labels, see MIL-STD-129, paragraph 4.3.
 - (b) Information and illustrations on bar code markings are contained in MIL-STD-129N and in MIL-HDBK-129.

[End of Clause]

Reference No. of Document Being Continued

PIIN/SIIN DAAE07-02-C-M029

MOD/AMD P00003

W56HZV \$ _____804,360.02

804,360.02

NET CHANGE \$

Page 13 of 14

Name of Offeror or Contractor: PEI ELECTRONICS INC.

SECTION G - CONTRACT ADMINISTRATION DATA

AA

Army

LINE	PRON/		OBLG STAT/			INCREASE/DECREASE	CUMULATIVE
<u>ITEM</u>	AMS CD	<u>ACRN</u>	JOB ORD NO		PRIOR AMOUNT	AMOUNT	AMOUNT
0001AB	J512T323EH	AA	2	\$	0.00	\$ 24,349.02	\$ 24,349.02
	JBP002		1FMJLF				
0001AC	J512T325EH	AA	2	\$	0.00	\$ 6,288.00	\$ 6,288.00
	JBP002		1FMJLF				
0001AD	J512T328EH	AA	2	\$	0.00	\$ 1.00	\$ 1.00
	JBP002		1FMJLF				
0003AA	J512T314EH	AA	2	\$	0.00	\$ 326,450.00	\$ 326,450.00
	JBP002		1FMJLF				
0005AA	J512T317EH	AA	2	\$	0.00	\$ 260,690.00	\$ 260,690.00
	JBP002		1FMJLF				
0006AA	J512T318EH	AA	2	\$	0.00	\$ 141,760.00	\$ 141,760.00
	JBP002		1FMJLF				
0007AA	J512T320EH	AA	2	\$	0.00	\$ 44,822.00	\$ 44,822.00
	JBP002		1FMJLF				
					NET CHANGE	\$ 804,360.02	
SERVICE	NET CHANGE					ACCOUNTING	INCREASE/DECREASE
NAME	BY ACRN	ACCC	OUNTING CLASS	IFICATION	<u>1</u>	STATION	AMOUNT

PRIOR AMOUNT PRIOR AMOUNT
OF AWARD
,350,000.00 \$ INCREASE/DECREASE CUMULATIVE OBLIG AMT

NET CHANGE FOR AWARD: \$ 11,154,360.02 10,350,000.00

9711 X8242SIO1X6D1000JBP 0022572SIS20113

CONTINUATION SHEET		Reference No. of Document Being Continued			Page 14 of 14		
		PHN/SHN DAAE07-02-C-M029	MOD/AMD P00003				
Name of Offeror or Contractor: PEI ELECTRONICS INC.							
SECTION J - LIST	OF ATTACHMENTS						
List of				Number			
Addenda		Title	Date	of Pages	Transmitted By		
Attachment 004	GFE LAV-AG (S) LINE REP	LACEABLE UNITS					

 PIIN/SIIN
 DAAE07-02-C-M029

 MOD/AMD
 P00003

 ATT/EXH ID
 Attachment 004

PAGE 1

DAAE07-01-R-M032 ATTACHMENT 04

LAV-AG (S) Line Replaceable Units $({\tt Paragraph}\ {\tt C.1.2})$

* Represents indenture levels

1. Peri Electronics Box

P/N: 10039648 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Electronics box to the following components:

Internal Electronics Box	10047489	
Fault Isolate the Internal Electronics Box to		
Elapsed Time Meter	10002388	
Harness 1	10036943	
Harness 2	10036944	
Harness 3	10036945	
Harness 4	10036946	
Harness 5	10036947	
Filterbox	10047485	
Internal Supply, PCB	10007722	
Post Amplifier Elevation, PCB		
Post Amplifier Azimuth, PCB		
Pre Stage EL/AZ, PCB		
Monitoring Board 1, PCB		
Monitoring Board 2, PCB	10007740	
Ballistics Amplifier, PCB	10047508	
400HZ Generator	10036919	
DC/DC Converter 36V		
CDR Signal Processing, PCB		

2. Thermal Channel

47601001-2 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Thermal Channel to the following components:

Basic Sight	47206025-3
**Cooler/Dector Assembly	47005159-4
***Detector/Dewar	5004385
***Cooler/Bellows	5007572
**Cable Assembly	47005140-1
**Video/Aux CCA	46540150
**IR Video Preamp	+ SM-D <u>-</u> 773663-4S
**Post PreAmp Cntrl Drv	+ SM-D <u>-</u> 773900-4S
**CCA Scan/Interface	+ 46540155
**Scanner Assembly	47005146
**PWA Scanner Position	47005111-1
**Pre-Amp Mother board	47005232
**J-box	47005152-2
Control Panel	47601002-2
Control Panel Mux Assy PWA	47601002-2 47501003-3

+ Changed by Modification P00003

3. Commander and Gunner Remote Display

P/N: 47603068-3 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Commander and Gunner Remote display to the

MOD/AMD P00003

ATT/EXH ID Attachment 004

PAGE 2

following components:

Biocular Display 4502-1500-00

1. TSS Interface Power Conditioner

P/N: 47606001-2 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the TSS Interface Power Conditioner to the following components:

Interface PWA	47402003-1
Wedge PWA	47402005-2
Mother Bd PWA	47402021-1
Harness W14	47402033-1
Connector PWA	47402037-1
Reformatter CCA	47402052
Ballistic PWA	47402062-1
Harness W16	47606005-1
Harness W17	47606027-1
Harness W15	47606028-1
Power Supply	47606029-1
Power Supply	47606030-1
Power Supply	47606031-1
PWA	47402072-4
PWA	47402053-4

5. Line of Sight Electronic Assembly

P/N: 47603083-1 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Line of Sight Electronics Assembly to the following components:

PCB Assy DCT	536A006-01
PCB Assy GWS	536A007-01
PCB Assy DEMOD	536A008-01
PCB Assy 19.2 KHZ	536A009-01
PCB Assy STAB	536A010-01
PCB Assy DC AMP	536A011-01
PCB Assy +/- 15v Reg	536A012-01
PCB Assy 400 HZ	536A013-01
PCB Assy 28v Pre-Reg	536A014-01
Terminal Board Assy	300A040-01
Wiring Harness	541A002-01

6. Cant Angle Sensor

P/N: 47604001-2 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Cant Angle Sensor to the following components:

Connector J1 D38999/24WB35PA Set, Sensor & Sig. Cond 47604008-1

7. Commanders Ammo Selection Panel

The following P/N 47608001-1 is hereby changed to 47608001-2 under Modification P00002.

P/N: 47608001-2 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Commanders Ammo Selection Panel to the following components:

 Connector
 D38999/24WCP8PN

 Switch
 65S04A

PIIN/SIIN DAAE07-02-C-M029

MOD/AMD P00003

ATT/EXH ID Attachment 004

PAGE 3

8. AXIS Controller (AXCONN II)

P/N: 4669210201 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the AXIS Controller (AXCONN II) to the following components:

 CPU2 Board
 4672000801

 FEBMOD 2 Board
 46718172

 DC/DC Convertor
 46712021

 Fuze Backplane
 4672006601

 CIF 2-Board
 4672016301

9. Elevation/Traverse Drive Power

P/N: 4669147801 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Elevation/Traverse Drive Power to the following components:

Amplifier Board 467200602 EMI 4669147801 FUZE 4772006901

10. Elevation Drive Motor (electrical)

P/N: 4669117101 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Elevation Drive $\,$ (electrical) to the following components:

Servo Motor 4669119311

11. Traverse Drive Motor (electrical)

P/N: 4669121702 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Traverse Drive Motor (electrical) to the following components:

Servo Motor 46691179411

12. Daysight Interface Unit

P/N: 47609001-2 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Daysight Interface Unit to the following components:

Rotating Wedge Assy 47609201-1

13. Ballistic Computer Control Panel

P/N 47607100-1 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Ballistic Computer Control Panel to the following components:

 Front Panel Assy
 47607101-1

 Toggle Switch
 MS 27718-21-1

 Toggle Switch
 MS 27718-23-1

 Momentary Switch
 MS 27718-27-1

 Display
 5M2209-001

 Rotary Switch
 51830-01-1-9N

14. Power Box

MOD/AMD P00003

ATT/EXH ID Attachment 004

PAGE 4

P/N 100136 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Power Box to the following components:

Supervisor Board 200048
Solid State Board 200049
Contractor Assy 100036
Smart Contract PPEQCR0000

15. Central Electronics Box

P/N 100137 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Central Electronics Box to the following components:

Controller Board 100407

DC/DC Converter PPEQAL0000

16. Gunners Control Box

P/N 200026 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Gunners Control Box to the following components:

Voltmeter 100071

 Toggle Switch
 12146AD2G-2VX408

 Push Button, Momentary Switch
 13445AD2-4GX768

 Connector Receptacle
 NSN
 5935-01-107-8831

17. Commanders Control Box Assy

200023 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Commanders Control Box to the following components:

 Toggle Switch
 12146AD2G-2VX408

 Toggle Switch
 12147AD2GX408

 Connector Receptacle
 NSN
 5935-01-217-0781

 Push Button Switch
 13445AD2-4GX768

18. Commanders Single Handle Control

4669202102 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Commanders Single Handle Control to the following components:

 Amplifier Assy
 4671809902

 Handle Assy
 4669092207

 Steering Box Assy
 4669089605

19. Gunners Two Handle Control

4669202002 QTY: 1 each

Off vehicle TPS shall be developed to fault isolate the Gunners Two Handle Control to the following components:

 Right Handle Assy
 4669092007

 Amplifier Assy
 4671809902

 Left Handle Assy
 4669092103

 Steering Box Assy
 4669094405